Winmate S430M4 Series PDA
User Guide

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Chapter 1: Safety Information

Exposure to Radio Use

S430 series is equipped with Bluetooth, WI-Fi and Cellular modem radio. In some situation or area, user may be required to turn off the radios. For example;

- User's needs to turn the phone OFF when in an area posted "TURN OFF RADIO SIGNAL." to avoid interfering with blasting operations.
- User needs to turn OFF the radio signal in health care facilities. Hospitals or health care facilities may be using devices that sensitive to Radio Frequency energy.
- Aviation authority regulations prohibit user from using phone while in the aircraft.

In order to prevent the handheld from emitting radio signals, do the following step:

- To turn off the device:
  Press and hold the power button to display the *Phone Options* menu for 3 sec then tap the **Power Off**
- To set the device into airplane mode:
  Press and hold the power button to display the *Phone Options* menu for 3 sec then tap **Airplane mode**
- To turn off the Communication options e.g. Bluetooth, Wi-Fi, cellular modem radio:
  Select **MENU**, tap **Setting**, and then tap **Wireless & networks**.
  If any radios are on, tap them to uncheck all the radios' checkboxes in the devices

RF Exposure Information

This PDA meets the government's requirement for exposure to radio waves. This PDA is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/Kg. Test for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the PDA is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer user to a wireless base station antenna, the lower the power output.

For body worn operation, this PDA has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions of the handset

minimum of 1.5 cm from the body. User of other enhancements may not ensure compliance with FCC RF exposure guidelines. If user do not use a body-worn accessory and are not holding the PDA at the ear, position the handset a minimum of 1.5 cm from your body when the device is switched on.

Battery Safety Information

WARNING	Do not use other battery which is not intended for the product. Use only the battery compatible for the device and follow battery usage, storage, and charging guidelines in this user guide.

WARNING	A damage rechargeable Lithium-ion polymer battery can cause explosion or fire. To prevent personal injury and/or property damage: • Do not open, disassemble, puncture, or crush the battery • Do not leave or store the PDA in an area which is near a heat source such as vehicle dashboard, dryer or other heat source. • Do not attempt to insert foreign object into the battery or allow conductive objects to contact the battery In the event of battery leak: • Do not have any contact with the battery fluid • If battery fluid leaks onto the skin or cloth, wash the affected area with clean water

WARNING	Please contact your current Winmate distributor or local Winmate vendor if you suspect damage to your PDA or battery for inspection and reparation.

Electrostatic Discharge

WARNING	Please follow proper electrostatic discharge precaution to prevent static damage that can harm electronic components inside your device

Driving

WARNING	Using mobile device or accessory while driving may cause distraction and maybe illegal in some areas where you drive. Please obey the laws and regulations on the use of mobile device

Chapter 2: About Winmate S430M4 Series

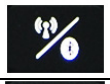
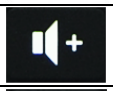
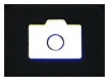
About S430M4

Winmate S430M4 Industrial Handheld is based on the ARM Cortex A7 processor running at 1.5 GHz. This device is compatible package with an ARM Cortex-A7 Quad Core and powerful graphics accelerator. The 4.3-inch capacitive multi-touch display offers 480 x 800 pixel WVGA resolution. Other new era tech includes 8MP rear camera, a micro-SD card slot, speedy 802.11 Wi-Fi, integrated GPS and optional 3G mobile broadband.

Features

This section provides the features of the S430M4 series and describes how to set this device for the first time.

Features

1	Audio Phone		Emit Sounds	
2	Light sensor		Light sensor detect the availability of light and automatically control the brightness of a screen backlight intensity	
3	Proximity sensor		Proximity function is used specifically towards near field proximity applications. In mobile phones, the proximity detection can detect when the user positions of mobile phone is close to their ear	
4	Touch Screen		Resistive touch screen	
5	Keypad Button			
		Search for IE		WiFi / Bluetooth
		Back to previous page		Volume up
		Menu		Volume down
		Home		Power
		Camera		Scan barcode / RFID
6	WiFi / BT Status Indicator		LED indicator indicates the WiFi or BT status	
7	Power Status		LED indicator indicates the battery power or charging status	
8	RS232		RS232 Connector	
9	Mini USB		Use for data transfer via Mini USB cable	
10	DC Jack		Use for charging	
11	DC Dock		Use it for docking	
12	Audio Jack		Headset or Headphone can be connected	
13	1D/2D Barcode		Barcode Scanner for reading of 1D/2D barcode.	
14	Camera		8 megapixel camera	
15	Flash		Camera flash for additional light during camera capture	
16 19	Hand Strap Fixing Hole		To improve usability and ease of use when using the product	
17	Speaker		Audio speaker provides a variety of sounds when user operating the device	
18	Battery Latch screw		To secure the battery	

Getting started

To start using the S430M4 for the first time:

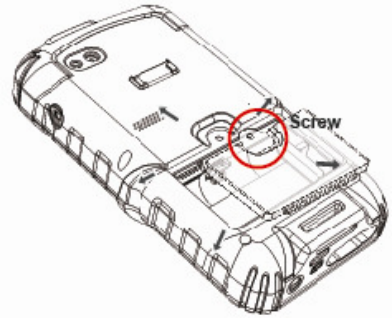
- .....Install SIM Card and SD Card

- .....Install the battery
- .....Charging the Battery

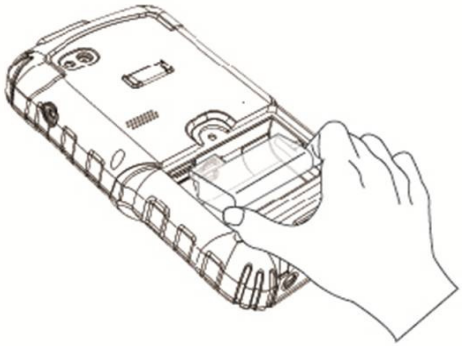
SIM Card and SD Card Installation

To Install the SIM Card and SD Card:

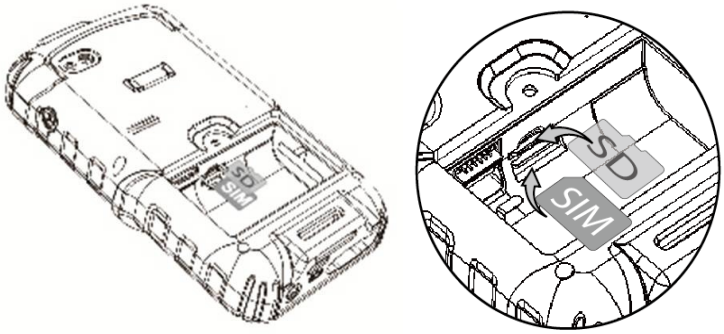
1. Place the S430M4 facing down and then locate the screws on the backside
2. Unscrew the screws and gently pull the back cover



3. Pull the battery to remove it



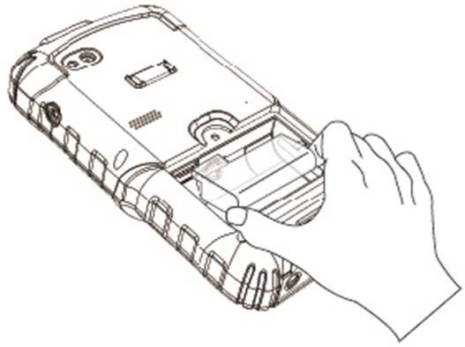
4. Locate the SD and SIM card holder
5. Insert the SIM and SD card accordingly as shown in the figure



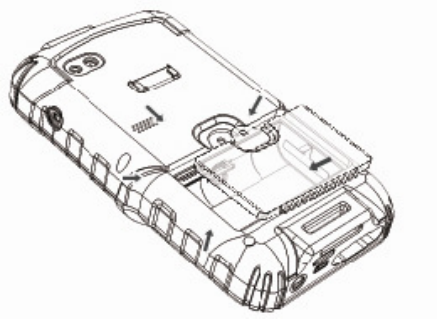
6. Locate the SD and SIM card holder
7. Push the SD and SIM card holder in the direction of the arrow

Battery Installation

1. Reinsert the battery by latching the bottom first and then push it down.



2. After battery installation, put back the back cover and make sure all the screw fit with the hole. Screw and fix the back cover.



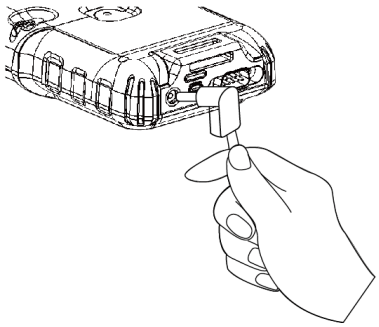
Battery charging

Please charge the battery before using the device for the first time, charge the battery until the LED indicator turns solid green. To charge the S430M4, use a cable or a docking with appropriate power supply. For more information about the S430M4 accessories, see chapter 7.

To charge the battery using USB/ Charge cable:

1. Connect the power supply output connector to the input power port on the USB/Charge cable.
2. Connect the USB/ Charge cable to the bottom of S430M4. The battery charge LED indicates the battery charging status

LED Status	Indication
OFF	S430M4 is not charging S430M4 is not properly connected to a power source
Solid Blue	S430M4 is in charging process
Solid Green	Charging complete

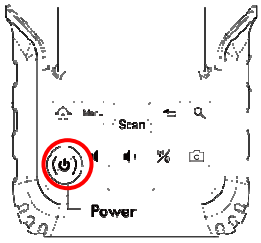


WARNING	This product uses a non-removable battery. The battery should only be removed when you want to change the SD Card or SIM Card

Turning On and Off the Device

Turning the S430M4 On

1. Press and hold the power button for 3 seconds, located on the right side of the unit



2. When the device vibrates, release the power button
   The desktop screen is displayed

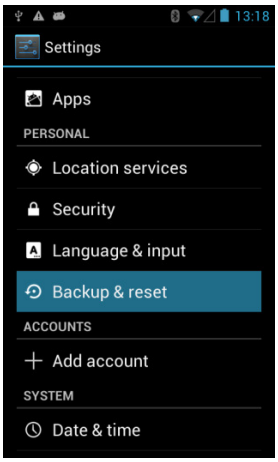
Turning the S430M4 Off

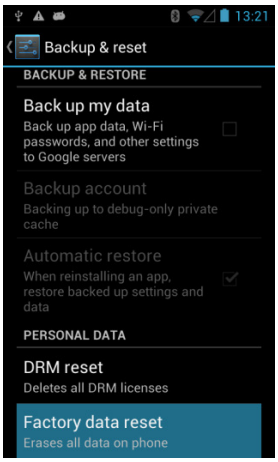
1. To turn off the device, press and hold the power button until the phone options menu appears, tap the **Power off**.
2. User can also use the Phone options menu to put the device into silent or airplane mode, see features table.

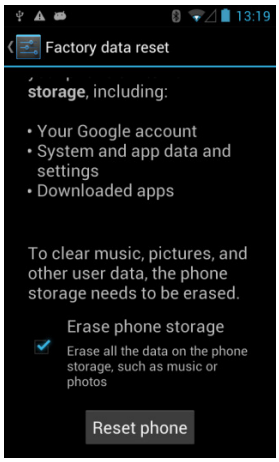
Resetting to Factory Defaults

To reset the device to factory defaults:

1. Tap **MENU**, than tap **System settings**
2. Locate **Backup & reset** and then tap it
3. Tap **Factory data reset**, user can select to back up application data, Wi-Fi passwords and other settings to Google servers by tapping **Back up my data**.
4. Read all the available information and then check Erase phone storage if user want to erase all the data on the phone storage such as music or photo


13:18
Settings
Apps
PERSONAL
Location services
Security
Language & input
Backup & reset
ACCOUNTS
Add account
SYSTEM
Date & time


13:21
Backup & reset
BACKUP & RESTORE
Back up my data
Back up app data, Wi-Fi passwords, and other settings to Google servers
Backup account
Backing up to debug-only private cache
Automatic restore
When reinstalling an app, restore backed up settings and data
PERSONAL DATA
DRM reset
Deletes all DRM licenses
Factory data reset
Erases all data on phone

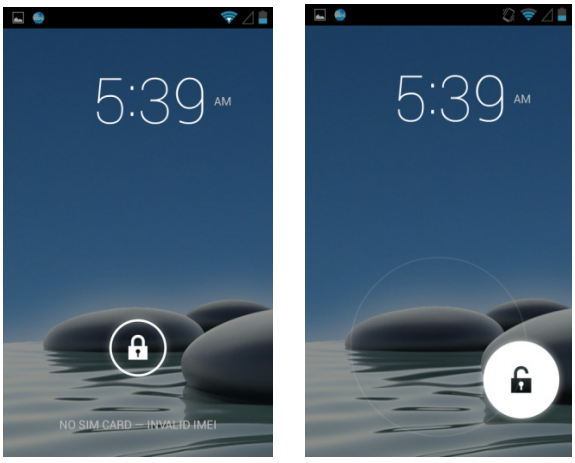

13:19
Factory data reset
storage, including:
• Your Google account
• System and app data and settings
• Downloaded apps
To clear music, pictures, and other user data, the phone storage needs to be erased.
Erase phone storage
Erase all the data on the phone storage, such as music or photos
Reset phone

Chapter 3: Using Android 4.2 Operating System

Wake Up the Phone

If you do not use the phone for a while, the screen dims and then darkens to conserve the battery. To wake up the phone:

1. Press the **Power** button on the side of the PDA.
2. Drag the lock icon to the right



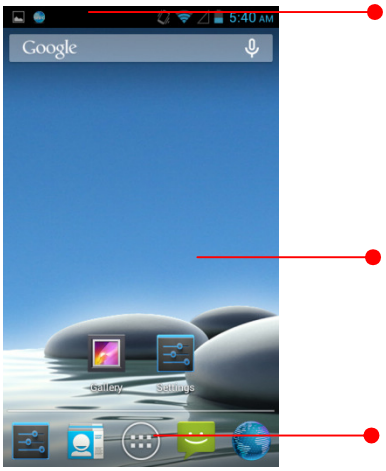
Using the Touch Screen

To gain full access of the Android interface is by using your finger to manipulate icons, on screen keyboard, menu items, and other items on the touch screen.

- *Tap* – Simply touch the icon, symbol, or onscreen button using your finger
- *Tap and hold* – Touching an item using your finger and not lifting it until an action occurs
- *Drag* – Touch and hold an item for some amount of time and then, without lifting your finger, move your finger along the screen until you reach target position
- *Swipe or slide* – Quickly move your finger across the surface of the screen, without pausing it when you first touch it. (e.g. scroll a page or a list up or down)
- *Double tap* – Tap quickly twice on a webpage, map, or other screen to zoom. Double tapping after pinching the zoom in some application to fit the width of the screen
- *Pinch* – Place two fingers on the screen at once and pinching them together (to zoom out) and spreading them apart (to zoom in).
- *Rotate the screen* – Orientation of the screens rotates with the phone as user turn it from upright to its side and back again.

Using the Home Screen

Home screen is the starting point to access all the features on your PDA Device. It displays application icons, widgets, shortcuts, and other features. User can personalize the home screen. See “Personalizing home screen”



Status Bar shows the time, signal strength, battery status, and other information. It also display notification icons

APPS which is applications that user can use directly on the Home screen

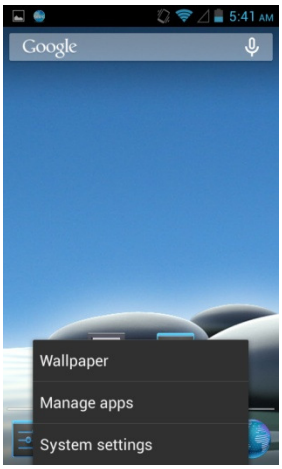
Launcher icon to open the launcher and view all applications

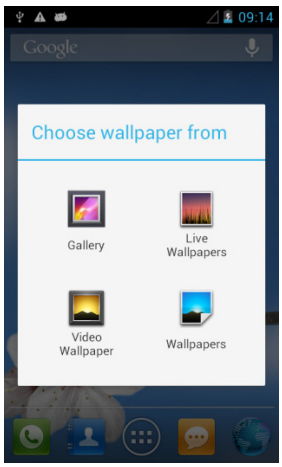
Personalizing Home Screen

User can add application icons, shortcuts, widgets, and other items to any part of any Home screen where there is free space. User can also switch the wallpaper.

To change wallpaper on the Home screen:

1. Tap **MENU** and then tap Wallpaper
2. On the menu that opens tap the type of item you want to add.





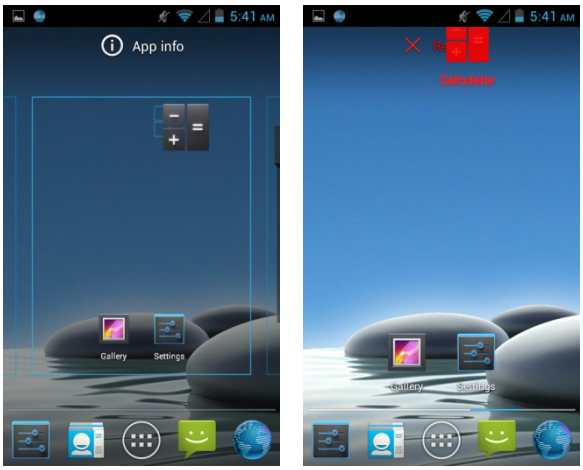
To move an item on the Home screen:

1. Tap and hold the item you want to move, until it can be moved.
2. Drag it to a new location on the screen
3. Place the item where you want to put it and lift your finger

Move the APPS (Camera) to Home screen

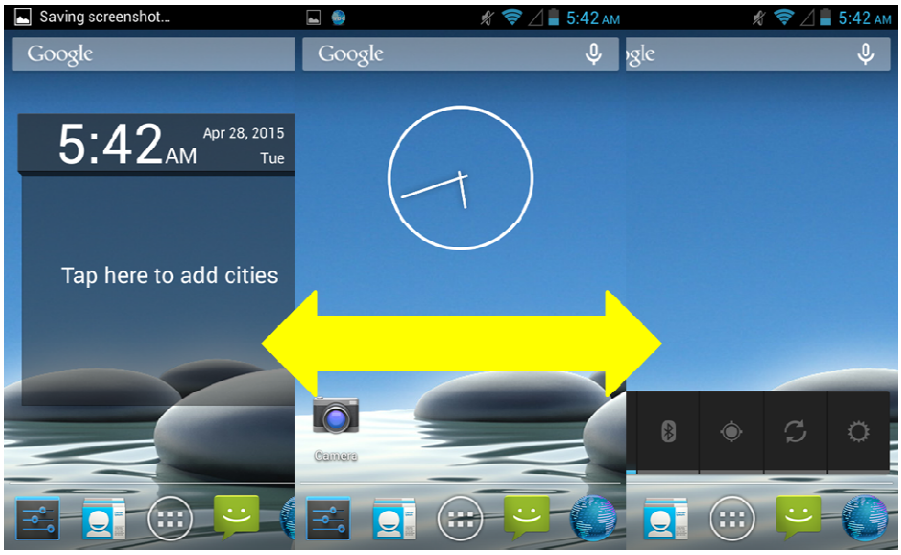
To remove an item from the Home screen:

1. Tap and hold the item you want to remove. The launcher icon will change into a Remove icon
2. Drag the item you want to remove to the Remove icon
3. When the icon turns red, release your finger

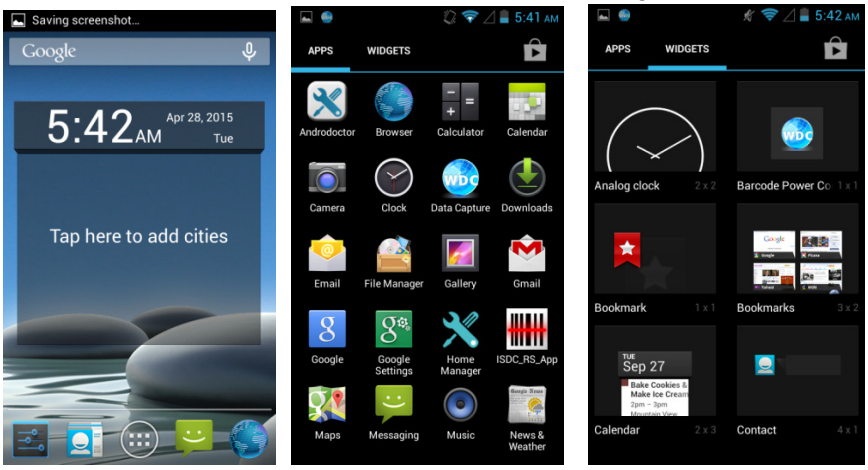


View other parts of the Home Screen

1. Slide your finger left or right across the Home screen
   Extensions to the Home screen provide extra space for APPS, shortcuts, and other items.



2. ..... Tap the launcher icon to view the entire APPS and Widgets of the device.



Status and Notification Icons

The status bar appears at the top of every screen. On the left are notification icons and on the right are status icons, along with the current time.

Notification icons

Status icons

Status Icon

The following icons indicates the status of your PDA, for example if users are connected to a Wi-Fi network that is not connected to the internet, the network icons are appears in white color

Status icons that appear in the status bar are as follows:

G	Connected to GPRS mobile network		Bluetooth is on
1X	Connected to 1xRTT mobile network		Connected to a Bluetooth device
E	Connected to EDGE mobile network		No SIM card installed
3G	Connected to 3G mobile network		Vibrate mode
4G	Connected to 4G mobile network		Ringer is silenced
	Mobile network signal strength		Battery is very low
	Searching for a network signal		Battery is low
	No signal		Battery is partially drained
	Connected to a Wi-Fi network		Battery is full
	Roaming		Battery is charging
	Airplane mode		Receiving location data from GPS

Notification Icon

The following icons indicate that you have received notification

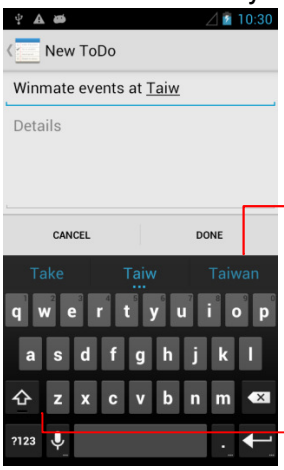
	New email message		Incoming call
	New text or multimedia message		Missed call
	Alarm is set		Speakerphone is activated
	Upcoming event		Phone microphone is muted
	Data is syncing		Downloading data
	Problem with sign-in or sync		Phone is connected via USB cable
	A screenshot is captured		

Using the On-Screen Keyboard

User will be able to enter text using the On-Screen Keyboard. Some applications will launch the keyboard automatically. In others, user needs to touch a text field where user wants to enter text to launch the keyboard.

Enter Text by Typing

1. Open a text field, in this example we used ToDo to create a note
   The On-Screen Keyboard opens.

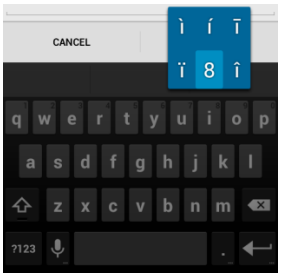


Tap a suggestion to enter it in place of the underlined word in the text box.

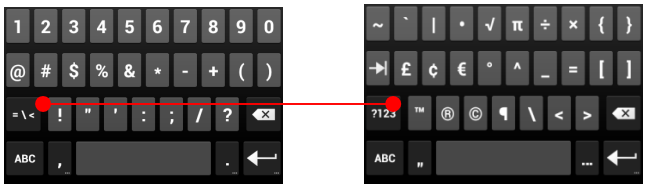
Tap once to capitalize the alphabet

   If user taps in a text field which already contains text, the insertion point is set where user tap and the cursor appears. User can drag the cursor to pick exactly where you want to add more text. User can also select a word to copy, cut and paste it. See “Editing Text”

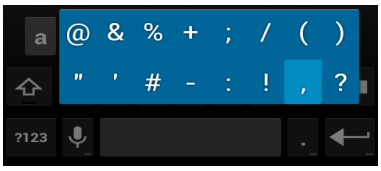
2. Tap the delete key to erase characters to the left of the cursor
3. Tap to enter numbers. Tap to return to letters
4. To enter symbols and other characters, tap and hold one of the top-row keys and slide your finger up to the list of the options. Lift your finger when you find your selection.



5. To view additional symbols, tap on the numeric keyboard.



6. To open a small window with as set of common symbols, tap & hold the periode key

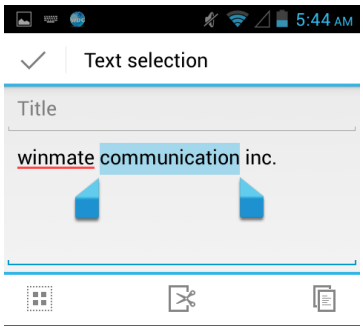


7. To close the On-Screen keyboard, tap the back button

Editing Text

To select text

1. Double Tap the text you want to select
2. Tap to select all the sentences in the menu that appears, the selected text is highlighted in blue, with a tab at each end of the selected word
3. Drag selection tab to expand or reduce the range of the selected text

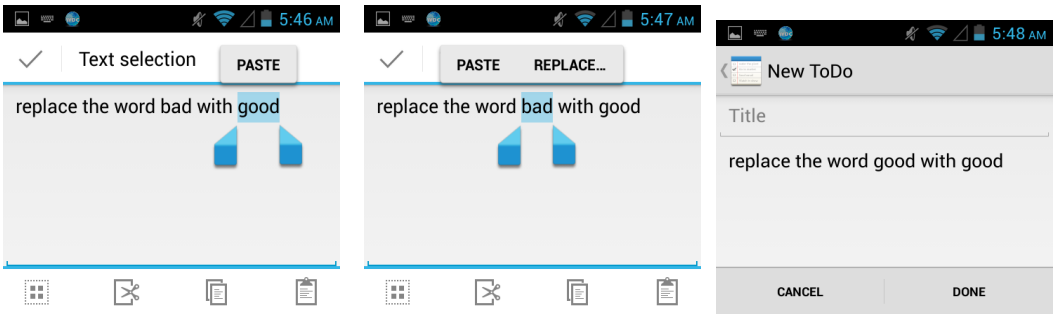


To Cut or Copy Text

1. Select the text to cut or copy, see " to select text"
2. Tap or in the Edit text menu.
3. If you select , the selected text is removed from the text field; it is stored in temporary area so that you can paste it into different text field.

To Paste Text

1. After Cut or Copy the text, see "To Cut or Copy Text"
2. Place the cursor in the text field where you want to paste the text, user can paste text that you copied from one application into a text field in any application
3. Tap and hold into the location that you want to paste, Tap **Paste** in the menu that opens or user can also tap to replace the existing text with copied text

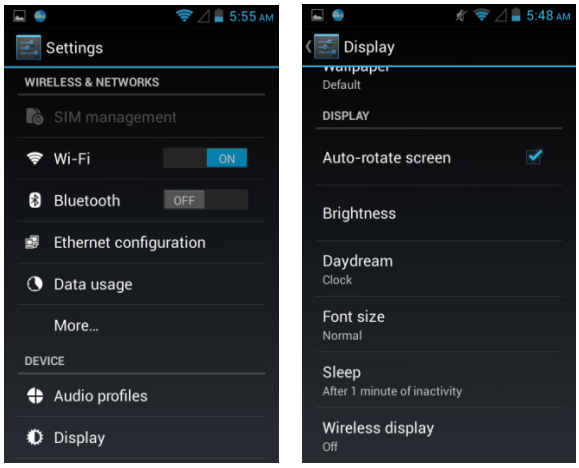


Display Setting

Use the display settings to configure brightness and other screen settings.

1. Tap **MENU** and then tap **System settings**
2. Tap **Display** and in the DEVICE part there are:
   - *Brightness* – for adjusting the brightness of the screen.
   - *Wallpaper* – to select wallpaper
   - *Auto-rotate screen* – for switching the orientation of the screen as user turn the device sideways or upright
   - *Sleep* – to inactivate the device after some time
   - *Font Size* – for adjusting the font in the device

Note	For the longest battery life between charges, use the shortest Sleep time



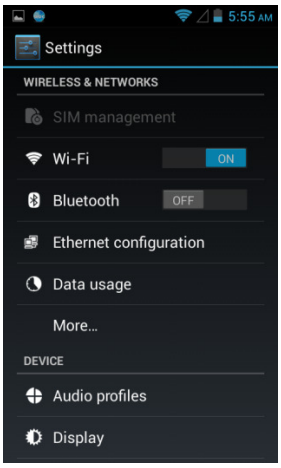
Audio Profile Setting

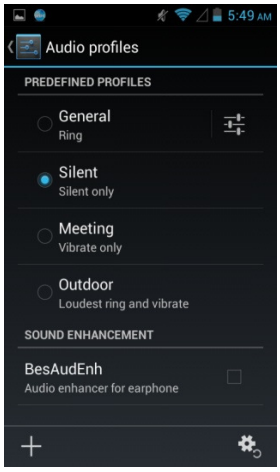
Use the sound settings to configure how and at what volume the phone rings, vibrates or alerts user in other ways when user receive a call, receive a notification or an alarm sounds.

Sounds Setting

1. Tap **MENU** and then tap **System settings**

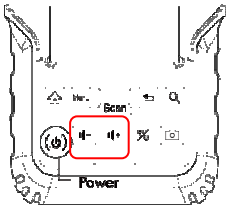
2. Tap **Adjust profiles** and then user can select General, Silent, Meeting or Outdoor profile.





Adjust Volume

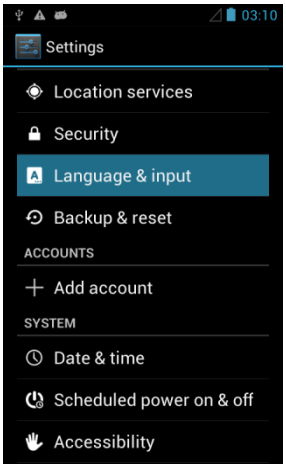
1. Press the volume keys to change the ring volume (On the keypad) or during a call

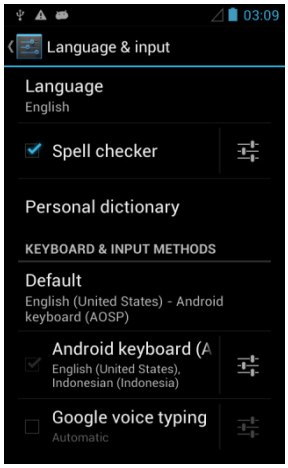


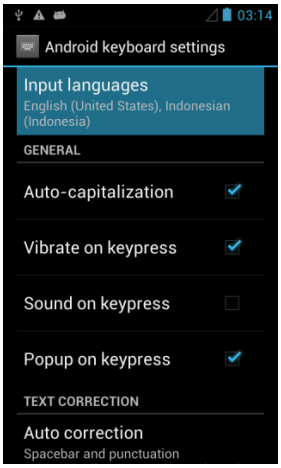
Language & Keyboard Setting

Use the Language & keyboard settings to select the language for the text on your phone and for configuring On-Screen Keyboard, including words that you have added to its dictionary

1. Tap **MENU** and then tap **System Settings**
2. Tap **Language & Input**
   language – to open the language screen, where user can select the language to use for the text on the device.
   Default – to apply the onscreen keyboard that is included with user's device. The correction and capitalization features affect only the English version of the keyboard.
   Android keyboard settings – the setting screen is available only if user's device has a physical keyboard. There are three options; Auto-replace (check to correct misspelled words), Auto-cap (check to capitalize the first letter of the first word in sentences), and Auto-punctuate (check to insert a period when user press the space key twice in a row)
   Input Language (Active Input Methods) – user can select language(s) that will appear in the android keyboard



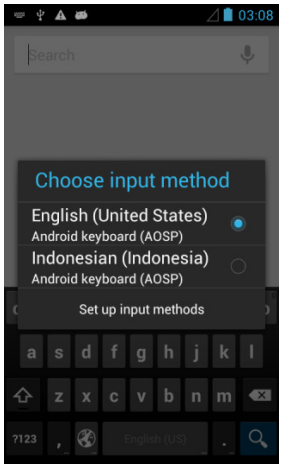




Change the Keyboard Language

The current keyboard language is displayed on the Space key and user can switch languages.

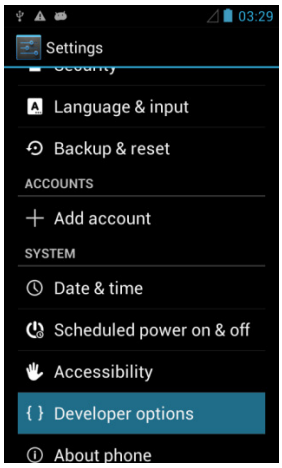
1. Tap and hold the space key
2. Without lifting the finger, slide it to the left or right until the language you want to use appears in the center of the small window above the Space Key
3. Lift the finger to change the keyboard language

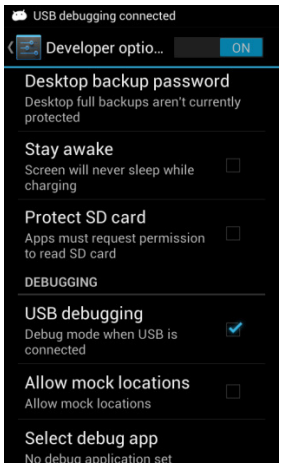


USB Debugging Setting

To permit debugging tools on a computer to communicate with User's PDA via USB Connection.

1. Tap **MENU** and then tap **System Settings**
2. Tap **{ }** **Developer options** and then tap **USB debugging**



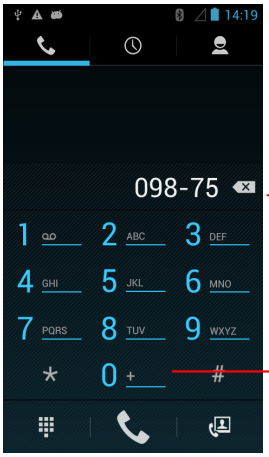


Using the Phone

User can make a phone call by dialing a phone number; touch a number in the contact list, on the web pages or other places.

To Make a Phone Call

1. Please make sure the SIM card is properly installed
2. Tap the Phone icon at the bottom of the Home screen or in the launcher or on the Home screen
3. Tap the numeric keys on the screen to enter the phone number and then tap to dial the number that you have entered



If you enter a wrong number, tap this button to erase digits one by one. To erase the entire number, tap and hold this button

Tap and hold to enter +

4. Adjust the call volume by pressing the volume up / down button on the side of the PDA device

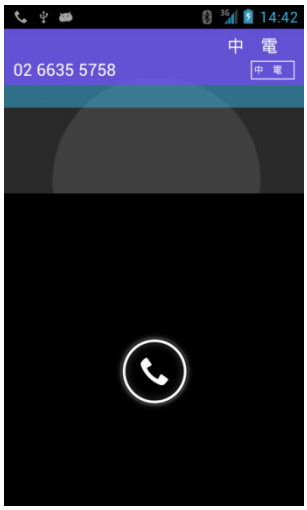
To Make a Phone Call Using Contact List

1. Tap the **launcher** and then tap **Contacts**
   Or

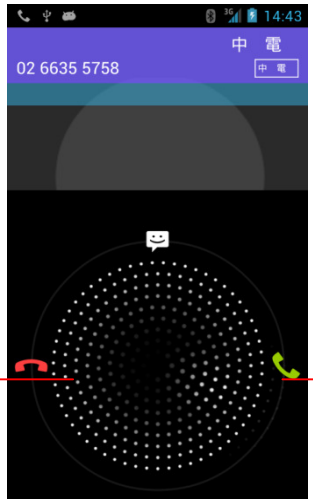
2. Tap the Phone icon at the bottom of the Home screen and then tap the Contacts
3. Select the required contact and then tap it to call

Answering or Declining Calls

When user receive a phone call, the incoming call screen opens with the caller ID and any additional information about the caller that you have entered in contacts.



Tap the answer icon to answering calls



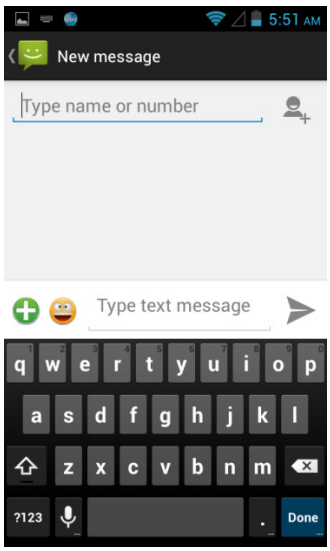
Tap the Reject icon To rejecting calls

Messaging

Send a Text Message

1. Tap the **launcher** and then tap

2. Tap Compose new message and enter a mobile phone number in the **To field**. You can tap to find your contact
3. Tap the composition text box to start entering your message



Open and Respond to Text Message

If you are working in a message window, message that you receive are display in it. Otherwise, you receive a new message notification and a new message icon appears in the status bar.

To reply a message

When user tap the new message notification, the message window opens and user can reply the message

To forward a message

1. Tap & hold a message in a message window
2. Tap **Forward message** in the menu that opens
3. Enter a recipient for message and edit the content if necessary
4. Tap **Send**

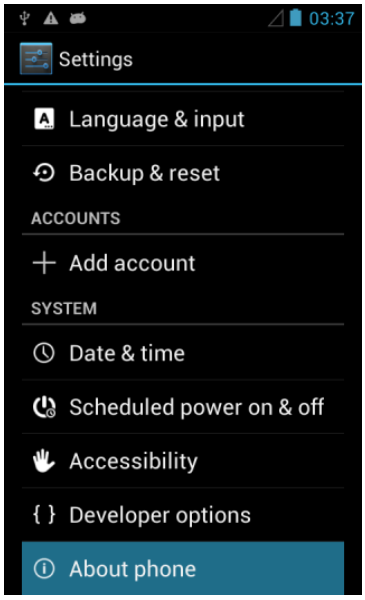
About Phone

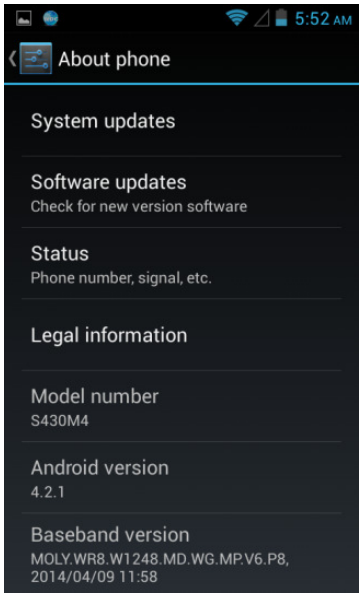
About Phone includes information about user's phone

System Update — provides information regarding the local or online update of your devices

Status — opens the status screen with a list of information about battery, network, signal strength and other details

Legal Information — lists details about the model number, Android Version, Baseband version etc. this information is useful if user need to work with support team





Chapter 4: Connecting to Network and Devices

Connecting to Mobile Networks

When users assemble their PDA with a SIM card from service provider, their phone is configured to use their provider networks for voice calls and for transmitting data.

Different locations may have different mobile networks available; user may need to configure their phone to use certain networks. To obtain fastest networks user can configure their phone to 4G and to extend the life of battery user can use 2G network.

Checking the Network (GPRS/3G) connection

1. Tap **MENU** and then tap **System Settings**
2. Tap **More…** in the **Wireless & networks**, and then tap **Mobile networks**
3. Tap **3G Service** to check the network connection

Note	Do not change the parameters of the access point to prevent user may not be able to access network sources

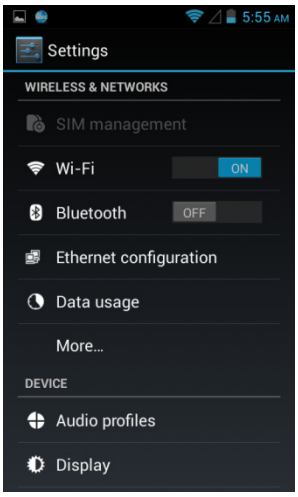
Turning on data service

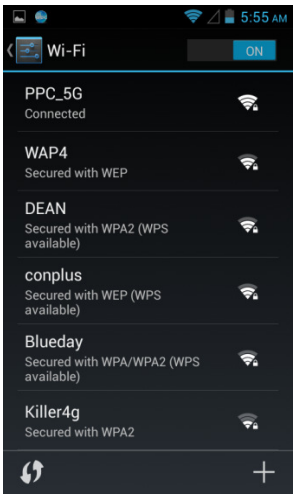
1. Tap **MENU** and then tap **System Settings**
2. Tap **More…** in the **Wireless & networks**, and then tap **Mobile networks**
3. Tap **Data connection**
4. Select the desired network operator to enable the data connection

Connecting to Wi-Fi Networks

Turn On the Wi-Fi and Connect to a Wi-Fi network

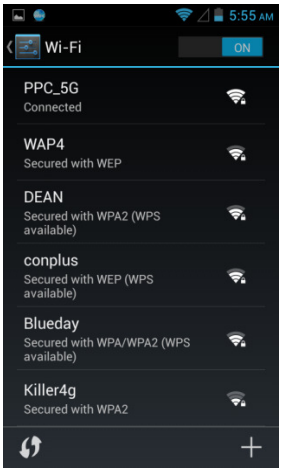
1. Tap **MENU** and then tap **System Settings**
2. Tap **Wireless & networks** and then select **Wi-Fi** to turn it on
3. Tap **Wi-Fi**
   The device scans for available Wi-Fi networks and displays the list of it. Secured networks are indicated with a lock icon
   If the phone finds a network that you have connected previously, it connects to it automatically.
4. Tap a network to connect to it;
   - If the network is open, you are prompted to confirm that you want to connect it by tapping **Connect**
   - If the network is secured, users are prompted to enter a password or other credentials
5. To check the details about the speed, security, address and related settings, tap its name in the Wi-Fi settings screen

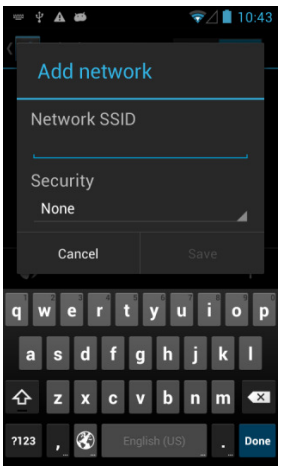




Add a Wi-Fi Network

1. Turn on Wi-Fi, in the Wi-Fi settings screen, tap **+** icon (at the bottom right of the list of discovered networks)
2. Input the SSID (name) of the network, if the network is secured, tap the security menu and then tap the type of security deployed on the network.
3. Enter any required security credentials
4. Tap **Save**





Connecting to Bluetooth Devices

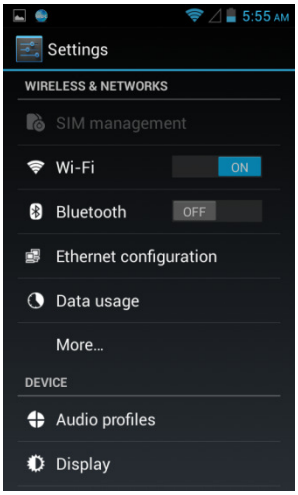
Turn Bluetooth On or Off

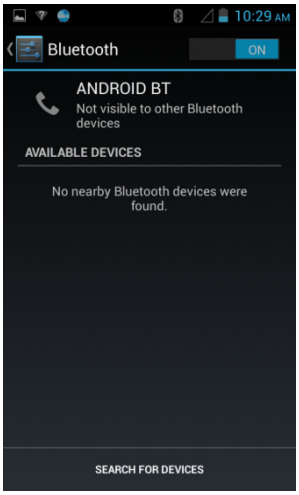
1. Tap **MENU** and then tap **System settings**
2. Tap **Wireless & networks** and then select **Bluetooth** to turn it on

Connect to a Bluetooth device

1. Tap **MENU** and then tap **System settings**
2. Tap **Wireless & networks**, and then tap **Bluetooth settings**
3. It will automatically scans and displays the IDs of all available Bluetooth devices in range. Tap **SEARCH FOR DEVICES** to search other Bluetooth devices

4. Tap the ID of the other device in the list in Settings to pair them





Disconnect from a Bluetooth device

1. Tap the device in the Bluetooth settings screen
2. Tap **OK** to confirm that you want to disconnect

Connecting to Computer via USB

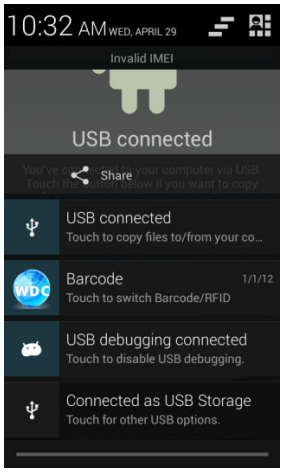
User can connect their PDA to a computer with USB cable to transfer files between PDA and computer

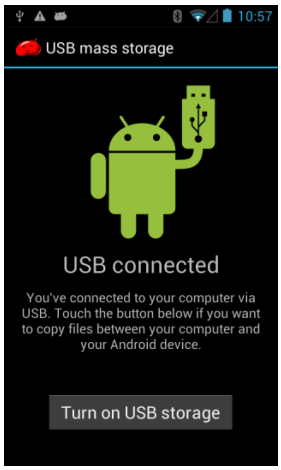
WARNING	When connecting your PDA to a computer and mounting its USB storage or SD card, user must follow the computer's instructions for connecting and disconnecting USB device, to avoid damaging or corrupting files.

To connect your PDA to a computer via USB:

1. Use the USB cable that came with your PDA to connect the phone to a USB port on your computer
2. After received a notification that the USB is connected, tap the notification panel and then tap **USB connected**
3. Tap **Turn on USB storage** in the screen that opens to confirm that user wants to transfer files.
   When the phone is connected as USB storage, the screen indicates that USB storage is in use and user will receive a notification

WARNING	Carefully follow your computer's instructions to un-mount the USB storage or SD card. Disconnect USB device not properly can cause a loss of important data or information.




10:57
USB mass storage
USB connected
You've connected to your computer via USB. Touch the button below if you want to copy files between your computer and your Android device.
Turn on USB storage

To disconnect your PDA from the computer:

1. Open the Notifications panel and tap **USB connected**
2. Tap **Turn off USB storage** in the screen that opens

Turn off USB storage
USB mass storage
USB storage in use
Before turning off USB storage, unmount ("eject") your Android's SD card from your computer.
Turn off USB storage

Chapter 5: Using the Camera

Winmate S430M4 equipped with 8MP on the rear side, which user can use to capture photos or video

Open Camera

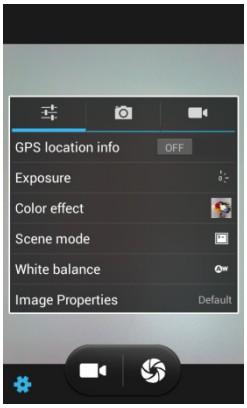
1. Tap the **launcher** and then tap **Camera** or press
   Camera opens in portrait mode, ready to take a picture or shoot a video

> Note: Make sure the protective lens cover is clean before taking pictures. A lens cover with smudges from fingers can cause blurry picture

Take a picture

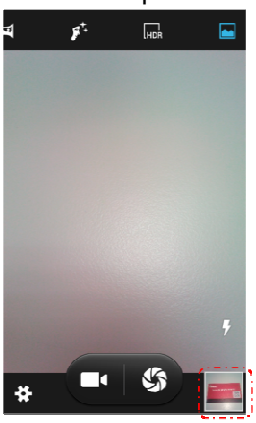
1. Adjust the exposure, flash, and other necessary settings. Or leave it automatic.
2. Frame your subject / object on screen

   User can use pinch gesture to zoom in or out.
3. Tap the On Screen Shutter icon
   The camera brings the image into focus, when the image is in focus, the focus indicators in each corner will turn green and ready to capture
4. Touch the to change camera settings



Viewing pictures

1. After taking a photo, a thumbnail of the picture is shown on the corner of the capture screen. Tap the thumbnail to view it

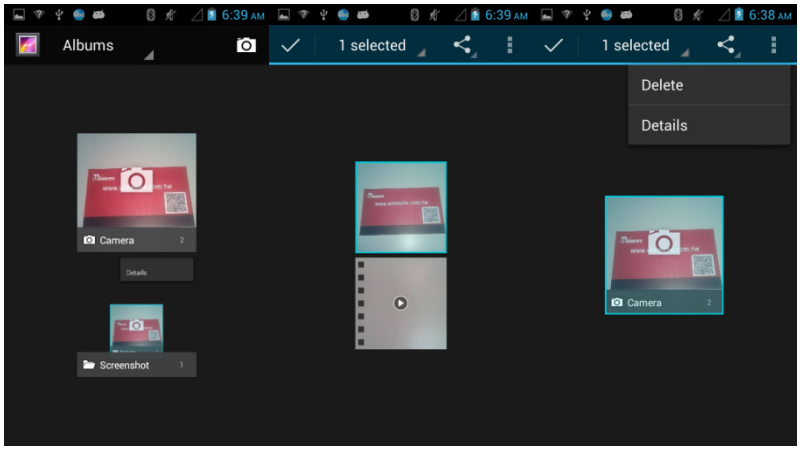


2. Tap the onscreen button

to view other photo or video in the galleries

to delete photo

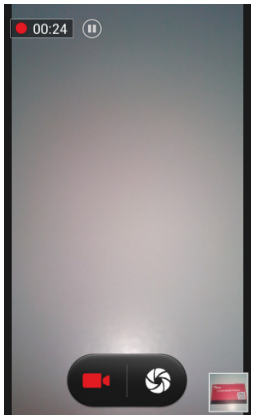
to share photo



3. Swipe right or left to view more photos

Shoot a video

1. Point the lens to record the scene where you want to start
2. Tap the On Screen Start Video icon
   The time remaining to shoot counts down at the upper left; when less than a minute is left, the countdown turns red



3. Tap the icon to stop shooting and tap to start again

Opening the Gallery

1. Tap the **launcher** and then tap **Gallery**
2. Tap a folder to view the pictures or video inside in full screen mode
3. Flick the pictures left or right to view the previous or next picture

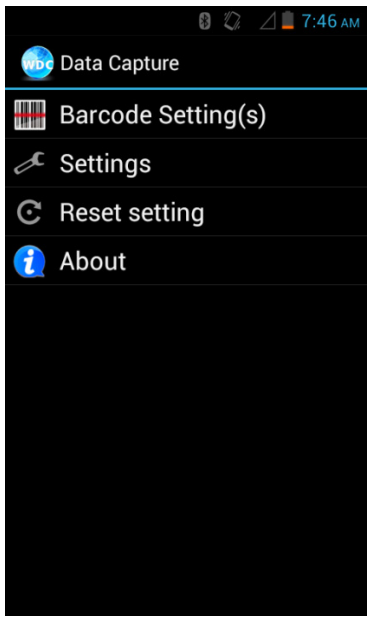
Chapter 6: Using the Readers

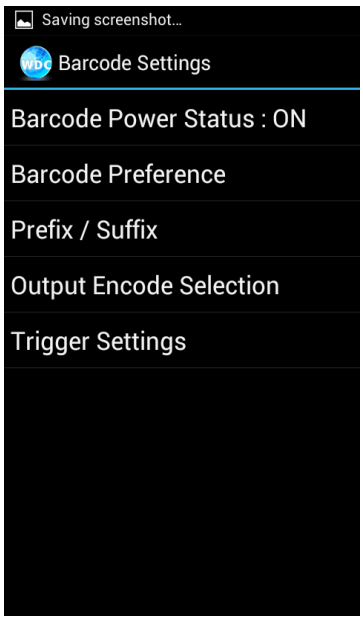
Winmate S430M4 equipped with embedded 1D/2D barcode reader and RFID all in one device, allow user to collect data by scanning barcodes or RFID tags. Our S430M4 scan engine comes in compact size that attached on the top of the devices

Using the Barcode Reader Feature

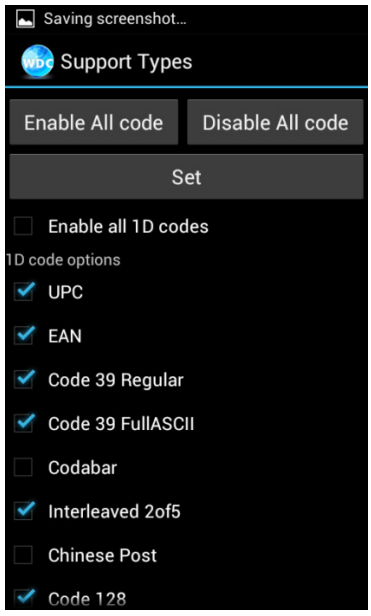
To scan, perform the following procedure:

1. Ensure the Winmate Data Capture / Scan enabled application was installed on the device



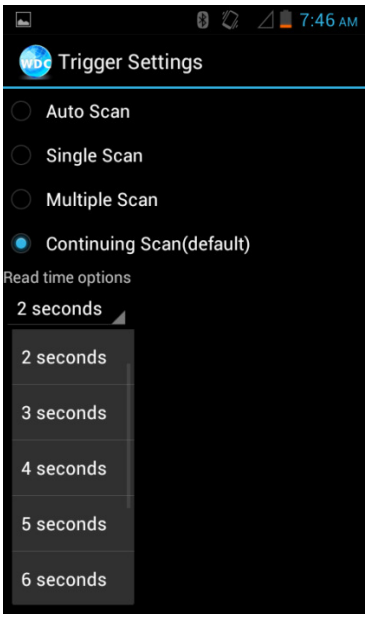


- Select the **Barcode Preference** to enable or disable all the Code



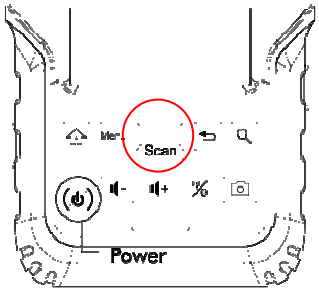
- Select the **Prefix/ Suffix** to allow special characters to be added at the beginning (prefix) or end (suffix) of the scanned barcode.

- Select the Trigger Settings to adjust the scan mode and read time options



2. Aim the Barcode

3. Press the trigger button to scan, in the S430M4, **Trigger Button** is located in the center (marked in red color)



4. Ensure the entire barcode is within the rectangular area formed by the brackets in the laser framing

Correct Framing

Wrong Framing

5. Release the trigger

Scanning Tips and Considerations

1. Distance

   Scanning device will decode perfectly over a certain working range, there are minimum and maximum distance from the barcode. To specify the appropriate working range per barcode type is through a table as follows

Symbology	Density	Min Distance	Max Distance
Code 39	0.100 mm 0.125 mm 0.500 mm 1.000 mm	9.5 cm 8.0 cm 6.5 cm 9.5 cm	11.5 cm 14.5 cm 50 cm 75 cm
EAN / UPS 100%	0.33 mm	6 cm	34 cm
DataMatrix	0.18 mm 0.25 mm 0.38 mm	7.5 cm 6.0 cm 5.5 cm	16.5 cm 23.0 cm 34.5 cm
PDF417	0.25 mm 0.38 mm	5.5 cm 6.5 cm	26 cm 37 cm

2. Angle

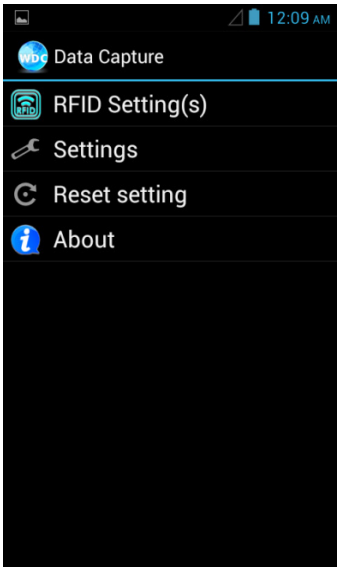
   Scanning angle is important for promoting quick decodes,

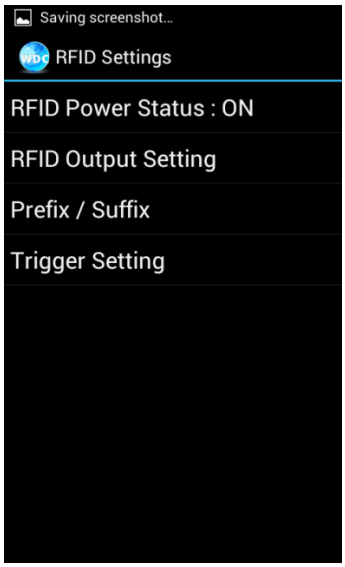
Scan Angle	Horizontal	34.4°
	Vertical	22.2°
Framing Angle	Horizontal	30°
	Vertical	20°

Using the RFID Reader Feature

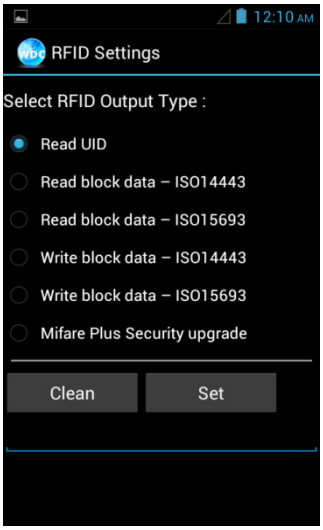
To scan, perform the following procedure:

1. Ensure the Winmate Data Capture / Scan enabled application was installed on the device

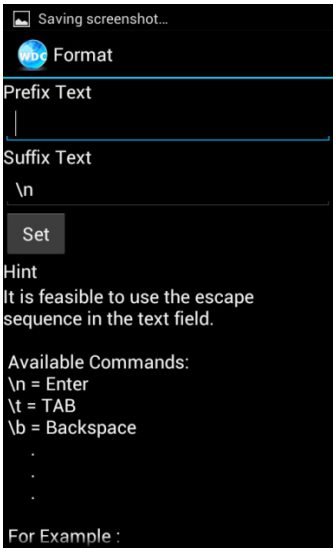




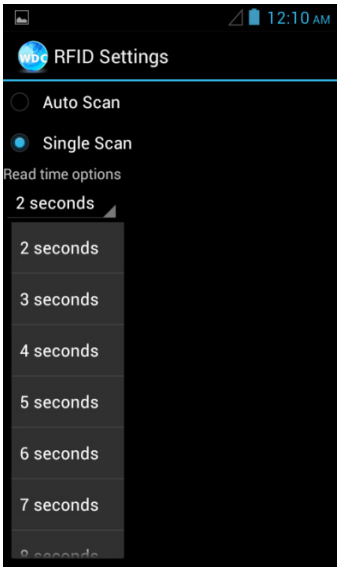
- Select the **RFID Output Setting** to enable or disable all the Code



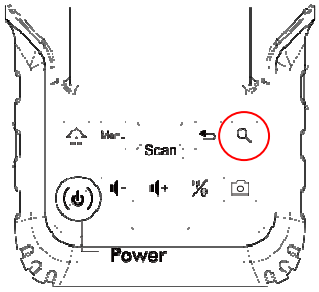
- Select the **Prefix/ Suffix** to allow special characters to be added at the beginning (prefix) or end (suffix) of the scanned RFID.



- Select the Trigger Settings to adjust the scan mode and read time options



2. Tap the RFID Tag, it needs to have contact between the tag and the reader
3. Press the trigger button to scan, in the S430M4, **Trigger Button for RFID** is located in the right (marked in red color)



Chapter 7: Accessories

S430M4 Standard Accessories

Standard Accessory	Part Number	Details
Universal Adapter	9226015W05V1	Input : AC 100-240V Output : 5V-3A
Mini USB Cable	9487047050P0	Provides power to the S430M4 and USB communication with a host computer
Hand Strap	9B0000000256	Provides an ease of use interface for managing the device
Micro SD Card	76G004300000	4GB Micro SD Card